



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/774,454

Confirmation No. 9153

In re Application of

TAKAO SAITO, *et al.*

Art Unit: 1762

Filed: February 10, 2004

Examiner: David P. Turocy

For: THIN FILMS AND A METHOD FOR PRODUCING THE SAME

TERMINAL DISCLAIMER

US PATENT AND TRADEMARK OFFICE
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Your petitioner, NGK Insulators, Ltd., a conducting business at 2-56 Suda-cho Mizuho-ku, Nagoya-City, Aichi-Prefecture 467-8530, Japan, represents that it is the sole assignee of the entire right, title and interest in U.S. Patent Application Serial No. 10/774,454, filed February 10, 2004, as evidenced by an assignment from the inventors of the above-identified patent application. That assignment document was recorded in the U.S. Patent and Trademark Office on February 10, 2004, at Reel 014982, Frame 0735. Your petitioner, NGK Insulators, Ltd., hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of petitioner's commonly owned U.S. Application No. 11/194,619 and hereby agrees that any patent so granted on the above-identified

application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Application No. 11/194,619, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, petitioner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patents, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is an attorney of record authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Serial No.: 10/774,454

Respectfully submitted,

STEPTOE & JOHNSON LLP

A handwritten signature in black ink, appearing to read "Roger W. Parkhurst", written over a horizontal line.

Roger W. Parkhurst

Reg. No. 25,177

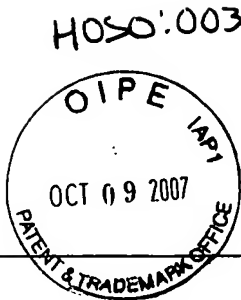
Attorney of Record

Date: October 9, 2007

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Attorney Docket No. 28953.2003

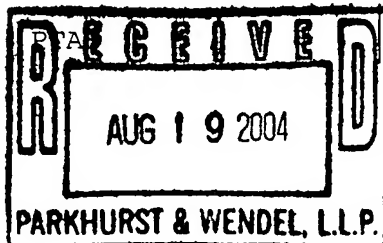


UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 13, 2004

PARKHURST & WENDEL, L.L.P.
ROGER W. PARKHURST
1421 PRINCE STREET, STE. 210
ALEXANDRIA, VA 22314-2805



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/10/2004

REEL/FRAME: 014982/0735
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SAITO, TAKAO

DOC DATE: 01/20/2004

ASSIGNOR:
OHTAKE, NAOTO

DOC DATE: 01/20/2004

ASSIGNOR:
NAKAMURA, YUKINORI

DOC DATE: 01/20/2004

ASSIGNOR:
KONDO, YOSHIMASA

DOC DATE: 01/24/2004

ASSIGNEE:
NGK INSULATORS, LTD.
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014982/0735 PAGE 2

SERIAL NUMBER: 10774454

FILING DATE: 02/10/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILMS AND A METHOD FOR PRODUCING THE SAME

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) TAKAO SAITO (5) _____
 (2) YUKINORI NAKAMURA (6) _____
 (3) YOSHIMASA KONDO (7) _____
 (4) NAOTO OHTAKE (8) _____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee (9) NGK Insulators, Ltd.
 (10) Insert address of Assignee (10) 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan

(hereinafter designated as the Assignee) the entire right, title and interest worldwide, including the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (11) THIN FILMS AND A METHOD FOR PRODUCING THE SAME
 (Case No. HOSO:003)

for which the undersigned executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on January 20 and 24, 2004
 (13) Alternative identification for filed applications (13) U.S. application Serial Number _____
 filed February 10, 2004

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, or similar agreements or treaties.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid patents to the Assignee in the United States and elsewhere worldwide.

5) The undersigned hereby authorize(s) and request(s) the patent offices or authorities to issue any and all Patents or patent rights resulting from said applications or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of **PARKHURST & WENDEL, L.L.P.** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any other patent office worldwide, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2004. 1. 20 Name of Inventor Takao Saito (SEAL)

TAKAO SAITO

Date 2004. 1. 20 Name of Inventor Yukinori Nakamura (SEAL)

YUKINORI NAKAMURA

Date 2004. 1. 20 Name of Inventor Yoshimasa Kondo (SEAL)

YOSHIMASA KONDO

Date 2004. 1. 24 Name of Inventor Naoto Ohtake (SEAL)

NAOTO OHTAKE

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside

the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 2004.1.28 Witness Toru Enokijima

Date 2004.1.28 Witness Ichiro Okazaki